

August 19, 2010

Hi Jack,

After we spoke yesterday I checked some of my records from solar and PV surveys around the state. The pathfinder surveys with no obstructions were fairly consistent across the state. The wind on the other hand is a different story. In some locations the sustainable wind energy is poor but in others the wind energy is very good.

The cost of installing a large PV system is around \$6 per watt and a grid tied wind energy system installed is around \$4 per watt. Say 50kW PV installed for \$300K and 50kW wind energy installed for \$200K. So in most cases the wind energy systems has a lower installation cost than PV. With a lower installation cost a well sited wind energy system will have an ROI's less than $\frac{1}{2}$ that of a PV system.

If you included wind energy systems in the C&I renewable energy rebate program the rebates could be performance based.. I don't feel the need for a restrictive criterial to install wind energy systems. As professionals we know the limitations of our equipment and we know where the clean sustainable wind energy is.

A poorly sited and poorly performing wind energy system would not receive maximum incentives. Whereas a well sited wind energy system with good performance should receive full incentives.

In summary leaving wind energy systems out of the C&I renewable energy portfolio would not be in the best interest of NH's energy conservation programs. Wind is a sustainable renewable energy in great supply in NH that should not be overlooked. I give a strong recommendation to include wind energy systems in the NH C&I renewable energy program. If I can be of any further assistance or if you would like me to provide PV or wind installation and performance information feel free to contact me.

Thank You,

Gary Bergeron
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